TELOPEA

A journal of plant systematics

published by the
ROYAL BOTANIC GARDENS SYDNEY
National Herbarium of New South Wales

Volume 9 2000–2002

ISSN 0312-9764

CONTENTS

Telopea No. 1

Schismatoglottideae (Araceae) in Malesia I — *Schismatoglottis*
A. Hay and Yuzammi 1

Schismatoglottideae (Araceae) in Malesia II — *Aridarum, Bucephalandra, Phymatarum* and *Piptospatha* **J. Bogner and A. Hay** 179

Telopea No. 2

The National Herbarium of New South Wales — One Hundred Years
Barbara G. Briggs 223

The genus *Desmocladus* (Restionaceae) and new species from the south of Western Australia and South Australia
Barbara G. Briggs and L.A.S. Johnson 227

New species of *Harperia, Loxocarya, Onychosepalum, Platychorda* and *Tremulina* (Restionaceae) in Western Australia **Barbara G. Briggs and L.A.S. Johnson** 247

Systematic studies in the eucalypts. 11 —New taxa and combinations in *Eucalyptus* Section *Dumaria* (Myrtaceae)
K.D. Hill, L.A.S. Johnson & D.F. Blaxell 259

Acacia dealbata subsp. *subalpina* (Fabaceae: Mimosoideae), a new subspecies from south-eastern Australia **Phillip G. Kodela and Mary D. Tindale** 319

Dillwynia rupestris (Fabaceae: Mirbelieae), a new species from the New England Tableland of New South Wales
Peter C. Jobson and Peter H. Weston 323

The lichen genera *Phaeographis* and *Phaeographina* (Graphidaceae) in Australia 2: *Phaeographina* — new reports and new species. **Alan W. Archer** 329

The species of *Scaevola* (Goodeniaceae) in Tasmania **Andrew C. Rozefelds** 345

Indigofera adenotricha (Fabaceae: Faboideae), a new species from western Arnhem Land **Peter G. Wilson** 353

The genus *Juncus* (Juncaceae) in Malesia and allied septate-leaved species in adjoining regions **K.L. Wilson and L.A.S. Johnson** 357

Juncus edgariae (Juncaceae) — a new species from New Zealand
L.A.S. Johnson and K.L. Wilson 399

Eucalyptus saxicola (Myrtaceae), a new species from the Central Tablelands of New South Wales (section Maidenaria series Bridgesianae)
John T. Hunter 403

Eucalyptus boliviana (Myrtaceae), a distinctive new species of stringybark from New England, New South Wales **J.B. Williams & K.D. Hill** 409

Acacia atrox (Fabaceae: Mimosoideae), a new rare species from the North Western Slopes, New South Wales **Phillip G. Kodela** 415

The name of the apple **D.J. Mabberley, C.E. Jarvis and B.E. Juniper** 421

Homoranthus binghiensis (Myrtaceae: Chamaelaucieae), a new species from the North Western Slopes of New South Wales
John T. Hunter and Lachlan M. Copeland 431

Telopea No. 3

A new species of *Radula* Sect. *Cavifolium* (Radulaceae: Hepaticae) from Queensland, Australia **E.A. Brown and T. Pócs** 435

The genus *Lachnagrostis* (Gramineae) in Australia **S.W.L. Jacobs** 439

A taxonomic revision of Araceae tribe Potheae (*Pothos, Pothoidium* and *Pedicellarum*) for Malesia, Australia and the tropical Western Pacific **P.C. Boyce and A. Hay** 449

Non-marine algae of Australia: 1. Survey of colonial gelatinous blue-green macroalgae (Cyanobacteria) **Stephen Skinner and Timothy J. Entwisle** 573

Desmids of New South Wales: New species and new records **M. Dingley** 601

A revision of *Solanum browuii* Dunal (Solanaceae) and its allies **A.R. Bean** 639

The lichen genera *Phaeographis* and *Phaeographina* (Graphidaceae) in Australia 3: *Phaeographis* — new reports and new species **Alan W. Archer** 663

Four new species of Agrostis (Gramineae) from Australia **S.W.L. Jacobs** 679

Non-marine algae of Australia: 2. Some conspicuous tuft-forming Cyanobacteria **Stephen Skinner and Timothy J. Entwisle** 685

Non-marine algae of Australia: 3. *Audouinella* and *Balbiania* (Rhodophyta) **Stephen Skinner and Timothy J. Entwisle** 713

Non-marine algae of Australia: 4. Floristic survey of some colonia green macroalgae (Chlorophyta) **Timothy J. Entwisle and Stephen Skinner** 725

Short Communication

A new combination in *Austrodanthonia* (Gramineae) **S.W.L. Jacobs** 741

Telopea No. 4

The *Agathis brownii* case (Araucariaceae) **David J. Mabberley** 743

An improved non-cryogenic transport and storage preservative facilitating DNA extraction from 'difficult' plants collected at remote sites **John A. Thomson** 755

A new species of *Glinus L.* (Molluginaceae) from the Northern Territory, Australia **P.S. Short** 761

Thismia clavarioides (Thismiaceae), a new species of Fairy Lantern from New South Wales **K.R. Thiele and P. Jordan** 765

Eucalyptus castrensis (Myrtaceae), a new species from New South Wales **K.D. Hill and L.C. Stanberg** 773

The genus *Anomobryum* Schimp. (Bryopsida, Bryaceae) in Australia **John R. Spence and Helen P. Ramsay** 777

Potentilla and *Fragaria* (Rosaceae) reunited **D.J. Mabberley** 793

Teucrium micranthum (Labiatae), a new species from Queensland, Australia **Barry J. Conn** 803

Ranunculus meristus (Ranunculaceae), a new stoloniferous species from eastern Australia **Barbara G. Briggs and R.O. Makinson** 809

A new species and new combination in *Craspedia* (Asteraceae) from Tasmania **Andrew C. Rozefelds** 813

Systematics of *Eidothea* (Proteaceae), with the description of a new species, *E. hardeniana*, from the Nightcap Range, north-eastern New South Wales **Peter H. Weston and Robert M. Kooyman** 821

Short Communications

Chromosome numbers of some native and naturalised plant species in Australia **Barbara G. Briggs** 833

Corrections to and a new combination in *Lachnagrostis* (Gramineae) **S.W.L. Jacobs** 837

Corrigenda — Telopea 9(2) 839

REVIEWERS OF MANUSCRIPTS

The following people kindly gave their time and expertise to review manuscripts submitted to *Telopea* Volume 9.

P.D. Baker
R.J. Bayer
P. Boyce
B.G. Briggs
J.J. Bruhl
D.C. Cargill
B.J. Conn
E. Conti
I.D. Cowie
L.A. Craven
A.W. Douglas
J.A. Elix
J.J. Engel
J. Everett
E.A. Flint
P.I. Forster
S.W.L. Jacobs
K.D. Hill
G.T. Kraft
S. Louwhoff
B.J. Lepschi
T.D. Macfarlane
B.R. Maslin
D.A. Morrison
D. Murphy
O. Necchi jnr.
D. Nicolle
D.H. Nicolson
B.K. Simon
S. Skinner
D. Symon
K.Thiele
N.J. Turland
F. Udovicic
J.F. Veldkamp
K.L. Wilson

DATES OF PUBLICATION

Telopea 9(1) pp. 1–222 was distributed on 15 December 2000

Telopea 9(2) pp. 223–433 was distributed on 6 July 2001

Telopea 9(3) pp. 435–741 was distributed on 5 January 2002

Telopea 9(4) pp. 743–839 was distributed on 5 July 2002

TELOPEA Volume 9 2000–2002
INDEX

New names and combinations are printed in **bold**; synonyms are printed in *italics*.

A

Abelmoschus 794
Abies dammara 321
Acacia 319, 415
  atrox 415
  carneorum 418
  colletioides 418
  dealbata 319
    subsp. dealbata 321
    subsp. **subalpina** 319
  pachypoda 418
  pickardii 418
Acidanthera 793
Acrochaetiaceae 714
Actinotaenium 608
  cucurbitinum 608
    var. subpolymorphum 608
Agathis 743, 744, 746, 749, 752
  australis 743, 751
  brownii 743, 750, 754
  corbassonii 752, 753
  dammara 749
  hypoleuca 753
  lanceolata 750, 752, 753
  macrophylla 743, 749, 753
    var. *obtusa* 749, 750
  moorei 746, 752
  obtuse 749, 752
  orientalis 749
  ovata 752, 753
  ovata 750, 752
  pumila 753
  robusta 743, 744, 746, 753
  vitiensis 750
Aglaonema crispum 169
Aglaonema subundulatum 145
Agrostis 440, 443, 445, 679, 682
  adamsonii 445
  aemulea 445
    var. *setifolia* 446, 837
  aequata 445
  australiensis 683
  avenacea 446
  bettyae 679
  billardieri 445
    var. *collicola* 445
    var. *filifolia* 446
    var. *robusta* 447
    var. *setifolia* 446, 837
    var. *tenuiseta* 445
  boormanii 682
  capillaris 683
  collicola 445
  debilis 446
  diffusa 445
  drummondiana 445
  filiformis 446
  forsteri 446
  gigantea 683
  joyceae 680
  labillardieri 445
  lacunis 446
  ligulata 446
  limitanea 446
  macrophylla 749
  meionectes 446
  muellerana 682, 683
  parviflora 683
  plebeia 446
  preissii 446
  propinqua 681
  punicea 837
    var. filifolia 447
  retrofracta 446
  robusta 447
  rudis 447, 837
  semibarbata 445
  scabra 447, 837
  solandri 445, 446
  stolonifera 683
  thompsoniae 682
  venusta 682
  viridis 683
Alocasia 8, 10, 33
  kerinciensis 9
  peltata 9
Amaryllidaceae 794

Amaryllis 794
Amygdalus 793
Angophora costata 267
Annona 793
Anonaalesia 793
Anomobryum 777, 778
auratum 781
densum 783
filesceus 789
harriotii 783
julaceum 778
lanatum 785
subrotundifolium 787
Anthericaceae 833
Anthonia caesiopruinosa 332
Apatemone 3, 17
motleyana 3, 17, 132
Aphanothece 576
caldariorum 576
pallida 576
Aphelia drummondii 834
Apiaceae 833
Apoballis 4, 17
neglecta 4, 17, 49
Apocynaceae 794
Argyrobryum subrotundum 787
Araceae 1, 179, 449, 833
Araucariaceae 743
Araucaria bidwillii 744, 745
Araucaria cunninghamii 753
Archer, A.W. 329, 663
Aridarum 5, 179, 180, 181, 183
annae 185
borneense 181, 185
burttii 188
caulescens 189
var. *angustifolium* 189
hansenii 189
incavatum 187
longipedunculatum 190
montanum 186
nicolsonii 186
purseglovei 190
rostratum 191
Aridarum sect. Aridarum 185
Aridarum sect. Caulescentia 188
Aridarum sp. A 192
Arisarum esculentum 3, 106
Armeniaca 793
Arthonia caesiopruinosa 332
Asteraceae 813
Audouinella 713, 714
eugenea 715
hermannii 714
scopulata 717
Austrodanthonia 741
merrillii 139
peltata 9
procera 741
robusta 7
Avena filiformis 445, 446

B

Balbiania 713, 720
Balbianiaceae 720
Balbiania investiens 720
Bangia mamillosa 707
Batis hermarphoditus 462
Batrachium tricophyllum 834
Bean, A.R. 639
Berberidaceae 794
Berberis 794
Blaxell D.F. 259
Bogner, J. 179
Borya sphaerocephala 833
Boyce, P.C. 449
Brassicaceae 833
Briggs, B.G. ... 223, 227, 247, 809, 833
Brown, E.A. 435
Bryaceae 777
Bryopsida 777
Bryum 777
subgenus *Anomobryum* 778
amblyolepis 779
amblyophyllum 779
argenteum 779
var. *lanatum* 785
var. *niveum* 779
auratum 781
austroargenteum 785
bateae 785
cateuatulum 779
hampeanum 779
harriotii 783
rotundum 785
subrotundifolium 787
Bucephalandra .....
..... 5, 179, 180, 181, 195
catherineae 197
gigantea 196
magnifolia 197
motleyana 181, 196
Burmanniaceae 765

C

Cactaceae 794
Calamagrostis 442
aennla 445
var. *billardieri* 445

var. *plebeia* 446
aequata 445
aveuacea 446
billardieri 445
filiformis 446
forsteri 446
retrofracta 446
rudis 447, 837
willdenowii 446
Calla calyptrata 3, 106
Cardamine hirsuta 833
Carex hypandra 834
Carpha nivicola 834
Caryophyllaceae 793
Catacolea 228
Caustis flexuosa 834
Centrolepidaceae 834
Centrolepis 834
aristata 834
strigosa 834
var. strigosa 834
Cerasus 793
Chamaelaucieae 431
Chamaexeros serra 834
Chautrausia 715
eugenea 715
investiens 720
Cheiranthus 793
Chlorellales 733
Chlorophyta 725
Chroococcales 576
Chysalidocarpus 794
x *Citrofortunella* 794
x *Citroncirus* 794
Citrus 793, 794
Closteriaceae 602
Closterium 602
didymotocum 602
intermedium 603
var. intermedium 603
navicula 603
ralfsii var. hybridum 603
strigosum 603
var. elegans 604
var. strigosum 603
subscoticum 604
venus 604
var. westii 604
Coleocarya 228
Coleochaetaceae 733
Coleochaetales 733
Coleochaete 733
areolata 735
Coleodesmium 687
wrangelii 687
Colobogynium 17
tecturatum 17, 163
Colocasia? 106
humilis 3, 106
var. *major* 106
var. *minor* 107
var. *picta* 107
neoguineensis 107
Conarum 794, 795, 796
Conferva 694
hermannii 714
mirabilis 694
ocellata 699
Conn, B.J. 803
Convallariaceae 794
Copeland, L.M. 431
Cosmarium 608
biretum 608
blyttii 608
var. blyttii 608
cymatonotophorum 609
decemcrenatum 609
depressum 610
var. depressum f. minutum . 610
dorsitruncatum 610
isthmium 611
joadjense 611
margaritatum 612
obtusatum 612
pachydermum 613
punctulatum 613
quadratum 613
var. willei 613
quadricrenum 613
quadriverrucosum 615
var. supraornatum 615
quadrum 615
var. sublatum 615
regnesii 615
var. montanum 615
subundulatum 615
williamsonii 616
Craspedia 813
glabrata 814
glauca var. *glabrata* 814
preminghana 816
richea var. *glabrata* 814
Cruciferae 793
Cryptocoryne 5, 8
Cryptocoryneae 5
Cyanobacteria 573, 685

Cylindrospermum 585
goetzei 585
licheniforme 585
rectangulare 585
stagnale 585
Cyperaceae 834
Cyphomandra 793
Cyrtosperma 9

D

Dammara 752
australis 747, 751
Bidwillii 753
bidwillii 743, 744, 749, 753
brownii 743, 750, 751, 753, 754
brownii obtusa 750
var. *macrophylla* 749
hypoleuca 748, 753
lanceolata 752, 753
macrophylla 749
moorei 746, 752, 753
moorii 746, 753
obtusa 743, 749
ovata 747, 750, 752, 753
peronsii 749
peyrousei 747, 749
peyrousii 749
pumila 753
robusta 743, 744, 749, 750, 753
vitiensis 747
Dammarara bedwellii 753
Danthonia procera 741
Dasiphora 795
Desmidiaceae 604
Desmocladus 227, 228
austrinus 236
biformis 232
castaneus 237
diacolpicus 243
elongatus 240
fasciculatus 238
flexuosus 236
lateriticus 229
myriocladus 229
parthenicus 242
quiricanus 231
semiplanus 234
sp. *D* 238
tenuis 232
virgatus 236
Desmonema wrangelii 687
Deyeuxia 440, 443
aemula 445
aequata 445
australis 446
billardieri 445
drummondiana 445
filiformis 446
forsteri 446
var. *preissii* 446
plebeia 446
preissii 446
retrofracta 446
scabra 447, 837
Dichelachne 443
drummondiana 445
Dichothrix 583
gypsophila 583
Didymochaeta australis 446
Dillwynia 323
acicularis 326
pungens 326
rupestris 323
sp. *A* 324
Dingley, M. 601
Diplycosia 793
Disocactus 794
Dracaena 794
Duchesnea 795, 796
indica 798
Dypsis 794

E

Eccremidium pulchellum 789
Echinopsis 794
Eidothea 821, 823
hardeniana 826
zoexylocarya 825
Emblemia contexta 343
Entwisle, T.J. 573, 685, 713, 725
Erica 794
Ericaceae 794
Erysimum 793
Euastrum 606
ansatum 606
var. dideltiforme 606
insulare 606
var. insulare 606
var. silesiacum 607
praemorsum 607
Eucalyptus 259, 403, 409, 773
Section Dumaria 259, 260
Section Maidenaria 403
Series Bridgesiana 403

Series Cometaevallares 260
Series Deflexae 260
Series Incrassatae 260
Series Leptocalyces 260, 285
Series Marrickianae 260
Series Obtusiflorae 260, 293
Series Pimpinianae 260
Series Rigentes 260
Series Subbuxeales 773
Series *Tetrapterae* 260
Series Torquatae 260, 274
Subseries Cometaevallarosae .. 260
Subseries Corrugatosae 260
Subseries Cylindrocarposae 260
Subseries Incrassatosae 260, 262
Subseries Laevosae 260
Subseries Ovularosae 260
Subseries Tetrapterosae 260
Subseries Torquatosae 260
acutangula 261
aenea 773
angulosa 261, 264
var. *ceratocorys* 261
assimilans 308
boliviana 409
brachycalyx 275
capitanea 270
captiosa 261
castrensis 773
ceratocorys 261
concinna 275
corrugata 275
costata 261, 267
subsp. costata 261, 268
subsp. **murrayana** 261, 269
cuspidata 261, 264
dolichorhyncha 261
dumosa 288
var. *scyphocalyx* 288
flocktoniae 277
forrestiana 261
subsp. *dolichorhyncha* 261
fraseri 296
subsp. *'blackbutt'* 298
subsp. fraseri 298
subsp. **melanobasis** 298
griffithsii 275
grossifolia 261, 271
incrassata 261, 264
var. *angulosa* 264, 267
infracorticata 310
kondininensis 312
laevis 275
leptocalyx 286, 287
subsp. leptocalyx 286
subsp. **petilipes** 287
lesouefii 277
melanoxylon 275
obtusiflora 302, 305
subsp. **cowcowensis** 305
subsp. **dongarraensis** 305
subsp. obtusiflora 302
paralimnetica 315
pimpiniana 260
planipes 275, 281
pleurocorys 277
polita 314
redimiculifera 316
rugosa 275
saxicola 403
scyphocalyx 288, 289
subsp. scyphocalyx 289
subsp. **triadica** 289
sheathiana 308
singularis 261, 272
spreta 294
sp. *U* 294
sp. *W* 275
stoatei 261
tetraptera 261
torquata 275
trachybasis 271, 281
valens 299
williamsiana 410
wubinensis 307

F

Fabaceae 319, 323, 353, 415
Faboideae 353
Fimbristylis ferruginea 834
Fissurina caesioluans 335
Fragaria 793
x *ananassa* 796
chiloensis 797
daltoniana 798
'Frel' 798
graudiflora 795
iinumae 798
indica 798
moschata 798
moupinensis 798
nilgerrensis 798
nipponica 799
nubicola 799
pentaphylla 799
Pink Panda ™ 798

'Serenata' 798
sterilis 794
tibetica 799
vesca 794, 796, 797, 800
var. *chiloensis* 797
var. *nubicola* 799
virginiana 794, 800
viridis 800
yakusimensis 799
Fortunella 794
Furtadoa 5

G

Gamogyne 5, 181, 201
burbidgei 204
pulchra 205
x *Gaulnettya* 794
Gaultheria 793
Gladiolus 793
Glinus 761, 763
lotoides 763
oppositifolius 763
orygioides 763
sessiliflorus 761
Gloeocapsa polydermatica 733
Gloeocystis 733
polydermatica 733
Gloeotrichia 582
pilgeri 582
Glyphis medusulina 668
Goniurus luzonensis 457
Goodenia albida 350
Goodeniaceae 345
Gramineae 439, 679, 741, 837
Graphidaceae 329, 663
Graphina 335
caesioradians 335
pyelodes 341
Graphis 335
bengnetensis 670
caesiohians 335
caesioradians 335
ceratoides 665
chrysenteron 336
dendroides 665
eludens 668
exilior 336
exserta 341
malacodes 676
montagnei 340
mucronata 672
quassiaecola 341
subdividens 674
subinusta 676
subtigrina 675
Gymnographa medusulina 668

H

Haplotaenium 604
minutum 604
var. cylindricum 604
Harperia 228, 247, 248
confertospicatus 247
eyreana 248
ferruginipes 247, 248
lateriflora 247
Hay A. 1, 179, 449
Hebe 794
Heliocereus 794
x *Heliochia* 794
Hepaticae 435
Heteroaridarum 5
Heteroaridarum 181, 183
borneense 181, 185
Hibiscus 794
Hill, K.D. 259, 409, 773
Hippeastrum 794
Homoranthus 431
biflorus 432
binghiensis 431
croftianus 432
montanus 432
Homalomena 4, 8, 13
calyptrate 106
fasciata 163
geniculata 185
Homalomeninae 5
Homoglossum 793
Hottarum 5
Hottarum 181, 201
brevipedunculatum 203
kinabaluense 216
lucens 217
sarikeense 100, 219
truncatum 213
Hunter, J.T. 403, 431
Hyalotheca 623
javanica 623

I

Indigofera 353
adenotricha 353
colutea 355
scabrida 355

sp. *1* 353
verruculosa 355
Iridaceae 793, 834
Isolepis prolifera 834

J

Jacobs, S.W.L. 439, 679, 741, 837
Jarvis, C.E. 421
Jobson, P.C. 323
Johnson, L.A.S. 227, 247, 259, 357, 399
Jordan, P. 765
Juncaceae 357, 399, 834
Juncus 357, 399
alatus 386
articulatus 386
auritus 384
bombonzanensis 384
bufonius 373
capillaceus 361
cognatus 834
communtatus 384
curtisiae 363
decipiens 374
subsp. decipiens 376
subsp. **medianus** 376
subsp. **sundaicus** 378
diastrophanthus 387
durus 380, 401
edgariae 399
effusus 374
var. *decipiens* 374
falcatus 834
fockei 384
glaucus 380
gregiflorus 401
holoschoenus 834
homalocaulis 360
indicus 365
var. ß *nanus* 368
inflexus 379
koidzumii 365
krameri 388
lampocarpus 386
latior 369
leptospermus 389
leschenaultii 368
var. ß *major* 368
var. *radicans* 368
monticola 364
nipponensis 389
var. *hakodatensis* 390
nupela 381
ohwianus 365
papillosus 389
pauciflorus 834
plebeius 373
prismatocarpus 382, 384
subsp. *teretifolius* 365, 384
var. ß *leschenaultii* 368
subvar. a *pluritubulosis* 368
var. *leschenaultii* 364, 368
subvar. ? *thermalis* 369
subvar. ß *unitubulosus* 364
var. a *genuinus* 384
pylaei 375
ratkowskyanus 363
sandwithii 363
sinensis 364
sphaerocephalus 384
sundaicus 378
thompsonianus 363
togakushiensis 388
unibracteatus 368
virens 391
wallichianus 364
yakeisidakensis 369
Juniper, B.E. 421

K

Kodela, P.G. 319, 415
Kooyman, R.M. 821
Kulinia 228

L

Labiatae 803
Lachnagrostis 439, 440, 445, 837
adamsonii 445
aequata 445
billardierei 837
billardieri 445, 837
subsp. **tenuiseta** 445
collicola 445
drummondiana 445
filiformis 446
forsteri 446
lacunarum 837
lacunis 446, 837
limitanea 446
meionectes 446
plebeia 446
preissii 446
punicea 446, 837
subsp. **filifolia** 446

retrofracta 446
robusta 447
rudis 447, 837
scabra 837
willdenowii 446
Lagenandra 5
Laurocerasus 793
Laxmannia 833
brachyphylla 833
gracilis 833
Lecanactis exaltata 669
Ledum 793
Lemnaceae 181
Lepidobolus 228
Libertia pulchella 834
Lobelia aenula 348
Lobivia 794
Lomandraceae 834
Loxocarya 228, 247, 249
albipes 249
cinerea 249
elongata ms. 240
gigas 249
sp. C 240
striata 249
magna 249
Luzula densiflora 834
Lychnis 793
Lycopersicon 793

M

Mabberley, D.J. 421, 743, 793
x *Mahoberberis* 794
Mahonia 794
Makinson, R.O. 809
Malus 426, 793
communis 426, 427
var. *cavillea* 428
var. *paradisiaca* 426
var. *prasonuila* 427
var. *sylvestris* 426
dasyphylla var. *domestica* 427
domestica 427
subsp. *pumila* 427
var. *cavillea* 428
var. *domestica* 427
var. *paradisiaca* 427
paradisiacal 426
var. *pumila* 426
praecox 427
var. *paradisiaca* 427
prasonuila 427
pumila 423, 426, 793
var. *domestica* 427
var. *paradisiaca* 426
sieversii 428
sylvestris 425, 427
subsp. *paradisiacal* 427
var. *paradisiaca* 427
var. *cavillea* 428
vulgaris 428
Malvaceae 794
Malvaviscus 794
Marsdenia 794
Merkusia hookeri 346
Metrosideros costata 267
Micrasterias 607
apiculata 607
var. fimbriata f. fimbriata 607
rotata 607
var. rotata f. evoluta 607
sp. 607
zeylanica 607
var. zeylanica 607
Microcasia 5
Microcasia 181, 195
sect. *Truncatae* 201
elliptica 196
muluensis 197
oblanceolata 197
purseglovei 190
pygmaea 196
truncata 213
Microchaetaceae 687
Microlulaloa pallida 576
Mimosoideae 319, 415
Mirbelieae 323
Mnium lanatum 785
Molluginaceae 761
Mollugo 761
Myrtaceae 259, 403, 409, 431, 773, 795

N

Nopalxochia 794
Nostocaceae 585
Nostoc 587
borzioides 589
commune 591
var. *flagelliforme* 588
flagelliforme 588
gelatinosum 596
pruniforme 594
verrucosum 594

Nostocales 579
Nostochopsaceae 578
Nostochopsis 578
borzioides 589
lobatus 578
Notodanthonia procera 741

O

Onychosepalum 228, 247, 252
laxiflorum 252, 253
microcarpum 252, 253
nodatum 252

P

Padus 793
Palmae 794
Palmellopsidaceae 729
Palmellopsis 730
gelatinosa 730
Parallela 732
novae-zealandiae 732
Pedicellarum 449
paiei 556
Pentaphylloides 795
Pernettya 793
Persica 793
Petalonema 692
velutinum 692
Petamenes 793
Phaeographina 329, 663
arechavaletae 331
atromaculata 331
banksiae 331
caesiohians 335
caesiopruinosa 332, 334
caesioradians 335
chrysenteron 336
contexta 343
exilior 336
exserta 341
fuscescens 337
hadrospora 337
impudica 339
litoralis 339
montagnei 340
montiscalvi 341
quassiicola 341
wilsonii 343
Phaeographis 329, 663
applanata 254
australiensis 672
beguetensis 670
ceratoides 665
dendroides 665
eludens 668
exaltata 669
hypoglaucoides 671
hypomelaena 671
malacodes 676
melanostalazans 671
mucronata 672
nardiensis 674
subdividens 674
subinusta 676
subtigrina 675
tuberculifera 675
Philippia 793
Philodendreae 5
Philodendron 5
Philonotion 6
Phymatarum 5, 179, 180, 181, 198
borneense 199
montanum 199
Piptospatha .....
..... 5, 6, 12, 179, 180, 181, 201
sect. *Gamogyne* 201
acutifolia 101
angustifolia 205
brevipedunculata 203
burbidgei 204
elongata 169, 181, 205
var. *perakensis* 208
elongata group 203
grabowskii 5, 169, 214, 215
grabowskii group 214
havilandii 169, 214
insignis 181, 206
kinabaluensis 216
lucens 217
manduensis 207
marginata 169, 205
perakensis 208
remiformis 218
ridleyi 210
var. *lanceolata* 210
rigidifolia 205
truncata 213
Platychorda 247, 254
applanata 254
rivalis 254
Platygrapha 665
dendroides 665
melanostalazans 671
Pleurotenium minutum 604
Pleurotaenium 605

eugeneum 605
var. undulatum 605
kayei 605
sceptrum 605
subcoronulatum 605
var. subcoronulatum 605
truncatum 606
var. farquharsonii 606
Pócs, T. 435
Poncirus 794
Potentilla 793, 797
x ananassa 796, 798
'Camarosa' 797
anserina 800
chiloensis 796, 797
daiseuensis 798
daltoniana 798
fragariastrum 794
iinumae 798
indica 798
moschata 798
moupinensis 798
nilgerrensis 798
nserina 800
nubicola 799
palustris 795, 797, 798
pentaphylla 799
pusilla 800
recta 799
reptans 795, 796
x rosea 797, 798
'Frel' 798
Pink Panda ™ 798
'Serentata' 798
sibbaldii 794
silvanus 799
sterilis 794
vesca 800
virginiana 796, 800
viridis 800
viridis 800
yakusimensis 799
Potheae 449, 456
Pothoidium 449
lobbianum 559
Pothos 449, 457
acuminatissimus 495
albertisii 483
angustifolius 462
augustifolius 463
atropurpurascens 513
auriculatus 463
australasicus 486
barberianus 500
var. *wallichii* 541
basilanensis 538
beccarianus 545
borneensis 538
brassii 536
brevispathus 479
brevistilus 530
brevivaginatus 518
brownii 486
chapelieri 462
clavatus 471
clavatus 467
cognatus 462
cumingianus 530
curtisii 547
cuspidatus 540
cylindricus 486
cylindricus 488
decipiens 463
dolichophyllus 495
elegans 481
ellipticus 515
engleri 511
englerianus 511
exiguiflorus 462
falcifolius 543
fallax 463
gracilis 490
gracillimus 469
graudispathus 515
hellwigii 471
hellwigii var. *latifolius* 471
hermaphroditus 462
horsfieldii 463
hosei 533
inaequalis 527
inaequilaterus 528
insignis 491
insignis 538
jacobsonii 527
junghuhnianus 474
junghuhnii 474
kinabaluensis 506
kingii 515
korthalsianus 527
kunstleri 547
lancifolius 506
latifolius 547, 561
laurifolius 533
ledermannii 479
var. *caudatus* 479
leptospadix 462

leptostachyus 498
leschenaultii 463
longifolius 462
longipedunculatus 462, 518
longipes 485, 833
longivaginatus 503
longus 561
lorispathus 498
loureiroi ('*loureirii*') 486
luzonensis 550
macrocephalus 476
macrophyllus 474
macrostachyus 561
maingayi 547
melalencoides 518
merrillii 497
microphyllus 462
mirabilis 523
motleyanus 552
nigrescens 481
nitens 561
nosibeensis 463
oliganthus 552
ovatifolius 497
var. *simalurensis* 497
oxyphyllus 527
papuanus 483
penicilliger 506
peninsularis 508, 547
philippinensis 508
polystachyus 540
quinquevenosus 483
ridleyanus 515
roxburghii 462
rumphii 490
var. *dolichophyllus* 495
var. *gigantens* 491
salicifolius 518
sanderianus 561
scandens 461
f. *angustior* 463
var. *cognatus* 462
var. *falconeri* 463
var. *godefroyi* 463
var. *helferianus* 463
var. *javanicus* 474
var. *macrospadix* 463
var. *sumatranus* 462
var. *zeylanicus* 462
var. *zollingerianus* 462
sumatranus 511, 527
tener 490
tener 461
versteegii 479
volans 423
vrieseanus 474
wallichii 521
zippelii 481
zollingeri 462
zollingerianus 462
Proteaceae 821
Prunus 793
Pyrenia malus 427
Pyrus 423
cavillea 428
epirotica 427
malus 423, 427, 793
var. *cavillea* 423, 428
var. *cestiana* 423, 427
var. *epirotica* 423, 427
var. *paradisiaca* 424, 426
var. *prasomila* 424, 427
var. *pumila* 427
var. *rubelliana* 425, 428
var. *sylvestris* 425
parasomila 427
prasomila 427
pumila 426
var. *domestica* 427
sieversii 428
sylvestris 427

R

Radiococcaceae 733
Radula 435
Section Cavifolium 435
ornata 436
Radulaceae 435
Ramsay, H.P. 777
Ranunculaceae 809, 834
Ranunculus 809, 835
amphitrichus 835
collinus 835
inundatus 835
meristus 809, 835
pachycarpus 835
papulentus 835
repens 835
sceleratus 835
Restionaceae 227, 247
Restio gigas 250
Rhododendron 793
Rhodophyta 713
Rhynchopyle 5, 181, 201
elongata 205

grabowskii 214
havilandii 214
marginata 205
perakensis 208
Rivularia 579
aquatica 582
beccariana 582
concentrica 579
Rivulariaceae 579
Rorippa microphylla 833
Rosaceae 793
Rozefelds, A.C. 345, 813
Rutaceae 794
Rytidosperma procerum 741

S

Sansevieria 794
Sarcographa medusula 668
Scaevola 345, 346
aemula 346, 348
albida 346, 350
hookeri 346
Schellhammera undulata 835
subtile 696
Schismatoglottideae ..... 1, 5, 180, ... 181, 182
Schismatoglottidinae 5, 182
Schismatoglottis 1, 17, 180, 181, 182
acuminatissima 11, 31, 33
acuminatissima 31
var. *concinna* 31
acutangula 108
f. *stauinodiifera* 109
acutifolia 167
acutifolia 101
ahmadii 7, 9, 102
angustifolia 109
asperata 6, 10, 11, 12, 18, 54
var. *albomaculata* 54
asperata group 6, 7, 54
barbata 5, 9, 10, 12, 13, 17, 57, 182
batoensis 42
bauensis 8, 9, 84
beccariana 5, 163
var. *albolineata* 163
var. *angustifolia* 163
var. *cuspidata* 91
var. *oblonga* 163
belophylla 34
bifasciata 16, 104
bitaeniata 108
bogneri 13, 105
brevicuspis 6, 17, 59
brevipes 6, 18, 35
brooksii 42
bulbifera 94
calyptrata 3, 4, 6, 7, 8, 11, 12, 16, 17, 106
f. *grandifolia* 107
f. *minor* 108
f. *multimargarita* 109
f. *resupinata* 157
var. *albidomaculata* 107
var. *bivittata* 108
var. *celebica* 108
var. *concolor* 106
f. *dahlii* 107
f. *glaucescens* 107
f. *grandifolia* 107
f. *minor* 108
f. *olivacea* 108
var. *dahlii* 107
var. *flavidomaculata* 107
var. *maculata* 107
f. *albidomaculata* 107
f. *flavidomaculata* 107
var. *ornata* 108
var. *picta* 107
var. *trivittata* 149
calyptrata group 6, 7, 14, 101
calyptratoides 109
canaliculata 16, 117
cardiophylla 139
caulescens 63
celebica 145
ciliata 10, 11, 13, 14, 60
clarae 118
clemensiorum 8, 61
colocasioidea 146
concinna 31
var. *immaculata* 31
var. *purpurea* 3
conoidea 63
conversa 157
convolvula 8, 119
cordifolia 5, 70, 108
corneri 3, 4, 6, 7, 8, 11, 12, 13, 17, 29
corneri group 29
crassifolia 165
crinitissima 10, 64
crispa 169
crispata 55

cyria 85
decipiens 7, 11, 16, 120
decora 132
diversicolor 132
djamuensis 108
dorensis 109
ecaudata 7, 121
edanoi 121
elegans 12, 18, 67
elongata 169, 205
emarginata 108
engleriana 149
erecta 6, 9, 14, 87
eximia 167
eymae 122
fasciata 163
ferruginea 8, 10, 11, 18, 68
forbesii 41
gamoandra 11, 14, 18, 123
gillianae 88
glauca 168
grabowskii 69
grandiflora 38
hastata 142
hastifolia 39
havilandii 5, 169, 214
hellwigiana 108
homalomenoidea 5, 165
hottae 10, 70
irosinensis 142
irrorata 132
javanica 39
josefii 89
kingii 81
klossii 109
kurimana 32
lancifolia 168
latevaginata 71
latifolia 3, 49
var. *rubescens* 49
var. *viridis* 49
lavallei 31
var. *immaculata* 31
var. *lansbergiana* 31
var. *purpurea* 31
leptophylla 42
lingua 124
lingniformis 42
longicaulis 41
longicuspis 157
longifolia 6, 11, 17, 125, 202
longipes 107
longispatha 9, 14, 18, 127
luzonensis 7, 128
luzonensis 139
maculata 109
marginata 81, 169, 205
mayoana 8, 14, 91
merrillii 7, 129
mindanaoana 7, 8, 11, 130
minor 35
modesta 130
monoplacenta 5, 93
monticola 42
moodii 131
motleyana ..... .
..... 3, 7, 11, 13, 14, 16, 17, 132
multiflora 7, 9, 10, 94
var. *latifolia* 91
multiflora group .....
..... 7, 12, 17, 84, 181
multinervia 72
muluensis 109
mutata 6, 16, 18, 42
neoguineensis 107
nervosa 10, 73
niahensis 7, 137
nicolsonii 8, 95
nieuwenhuisii 108
okadae 7, 9, 46
opaca 165
ornata 165
ovata 10, 47
parviflora 5, 165
parvifolia 109
patentinervia 7, 11, 76
pectinervia 138
penangensis 169
petri 7, 16, 162
picta 107
f. *bivittata* 108
f. *robusta* 108
var. *trivittata* 149
platystigma 5, 8, 13, 97
plurivenia 7, 139
potamophila 109
pseudocalyptrata 109
puberulipes 9, 10, 11, 77
pudenda 11, 12, 13, 14, 98
pulchra 132
pumila 141
pusilla 142
pyrrhias 10, 78
ramosii 129
retinervia 8, 11, 80
ridleyana 43

riparia 107
rizalensis 129
robelinii 169
roseospatha 3, 9, 99
rotundifolia 42
rubiginosa 57
rubrocincta 32
rupestris .....
..... 3, 4, 6, 8, 10, 12, 16, 17, 49
rupestris Group 6, 7, 11, 16, 31
ruttenii 109
sagittifolia 53
samarensis 143
sarikeensis 13, 100, 219
schottii 5, 9, 14, 101
scortechinii 6, 11, 12, 18, 81
sejuncta 83
silamensis 7, 144
sublaxiflora 109
subundulata 145
sumatrana 170
sylvestris 47
var.*subcordata* 47
tecturata .....
..... 4, 5, 6, 7, 9, 12, 16, 17, 163
tecturata group 6, 16, 162
tenuifolia 108
trenbii 50
f. *viridipes* 50
trifasciata 7, 10, 12, 16, 18, 146
trivittata 7, 16, 149
trusmadiensis 151
unifolia 10, 151
vanvuurenii 109
variegata 5, 163
venusta 7, 8, 9, 152
viridissima 7, 8, 154
wahaiana 8, 154
wallichii 6, 12, 13, 155
f. *oblongata* 155
var. *fasciata* 157
var. *oblongata* 155
warburgiana 159
wigmannii 50
winkleri 132
wongii 160
zonata 11, 13, 161
Scindapsus 170
arborum 490
inaequilaterus 530
rumphii 490
rupestris 170
sumatranus 170
tener 490
Schoenus 834
brevifolius 834
imberbis 834
paludosus 834
Scirpus mucronatus 834
Scrophulariaceae 794
Scytonemataceae 692
Scytonema 692
cincinnatum 694
crispum 694
hoffman-bangii 696
hoffmannii 696
hofmann-bangii 696
mirabile 694
Short, P.S. 761
Sibbaldia 794, 796
procumbens 794
Silene 793
Skinner, S. 573, 685, 713, 725
Sorbus malus 427
Solanaceae 639, 793
Solanum 639, 793
amblymerum 652
armourense 656
brownie 639, 649
celatum 658
cinereum 643
curvicuspe 648
f. *curvispina* 648
elegans 652
limitare 653
neoanglicum 659
nobile 645
silvestre 655
violaceum 649
var. *amblymerum* 652
Spence, J.R. 777
Spondylosium 623
pygmaeum 623
var. monile 623
Stanberg, L. C. 773
Staurastrum 620
bibrachiatum 620
coarctatum 620
var. solitarium 620
ensiferum 621
gutwinskii f. reductum 621
pseudotetracerum 621
simplicius 621
spongiosum 622
striatum 622
subradians 622

Staurodesmus 617
applanatus 617
brevispinus 618
var. altus 619
var. brevispinus f. minimus . 618
convergens 619
var. convergens 619
var. ralfsii 619
dickiei 619
var. maximus 619
mamillatus 620
mucronatus var. mucronatus .. 620
Stephanotis 794
Stigonema 698
hormoides 699
informe 702
mamillosum 707
minutum 704
multipartitum 704
ocellatum 699
robustum 709
Stigonemataceae 697
Stigonematales 578
Symphyosiphon velutinus 692
Synechococcaceae 576
Syzygium 795

T

Teilingia 622
excavata 622
granulata 623
Tetmemorus 606
brebissonii 606
var. tenuissimus 606
Tetrasporaceae 727
Tetraspora gelatinosa 727
Tetrasporales 727
Tetrasporidium 729
javanicum 729
Teucrium 803
ajugaceum 806
argutum 806
micranthum 803
Thecaria quassiicola 341
Thiele, K.R. 765
Thismia 765, 766
clavarioides 765, 766
rodwayi 766
yorkensis 766
Thismiaceae 765
Thomson J.A. 755
Thorea wrangelii 687
Tindale, M.D. 319
Tolypothrix 689
conglutinata 689
distorta 691
tenuis 691
Tormentilla 794, 796
Tremulina 247, 256
cracens 256
tremula 256, 257
Typhonium 8

U

Uvulariaceae 835

V

Veronica 794
Veronicaceae 794
Vilfa 445
aemula 445
billardieri 445
debilis 446
plebeia 446
retrofracta 446
scabra 447, 837

W

Weston, P.H. 323, 821
Williams, J.B. 409
Wilson, P.G. 353
Wilson, K.L. 357, 399
Wolffia 181

X

Xanthidium 617
sp. 617
subhastiferum 617
Xanthosia pilosa 833

Y

Yuzammi 1

Z

Zantedeschia calyptrata 106